

INTERNATIONAL SEARCH REPORT

PCT/IB 03/06246

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 971 485 A (SIEMENS AG) 12 January 2000 (2000-01-12) page 2, paragraph 7 page 2, paragraph 9 page 5, paragraph 23 page 5, paragraph 28 -page 6, paragraph 31 claim 1	1,9
X	YIMIN ZHANG ET AL: "Transform domain array processing for CDMA systems" STATISTICAL SIGNAL AND ARRAY PROCESSING, 2000. PROCEEDINGS OF THE TENTH IEEE WORKSHOP ON, 14 - 16 August 2000, pages 23-27, XP010512115 Pocono Manor, PA USA page 25, paragraph 3.2	1,9

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

1 April 2004

Date of mailing of the international search report

22/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>MILLER S L ET AL: "MMSE DETECTION OF MULTI-CARRIER CDMA" MILCOM 1999. IEEE MILITARY COMMUNICATIONS CONFERENCE PROCEEDINGS. ATLANTIC CITY, NJ, OCT 31 - NOV. 3, 1999, IEEE MILITARY COMMUNICATIONS CONFERENCE, NEW YORK, NY: IEEE, US, vol. 2 OF 2 CONF. 18, 31 October 1999 (1999-10-31), pages 1085-1089, XP000922147 ISBN: 0-7803-5539-3 page 1086, left-hand column, line 11 -right-hand column, line 3 figures 1,3</p>	1,9,10

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0971485	A	12-01-2000	EP
		US	0971485 A1
			6064689 A
			12-01-2000
			16-05-2000